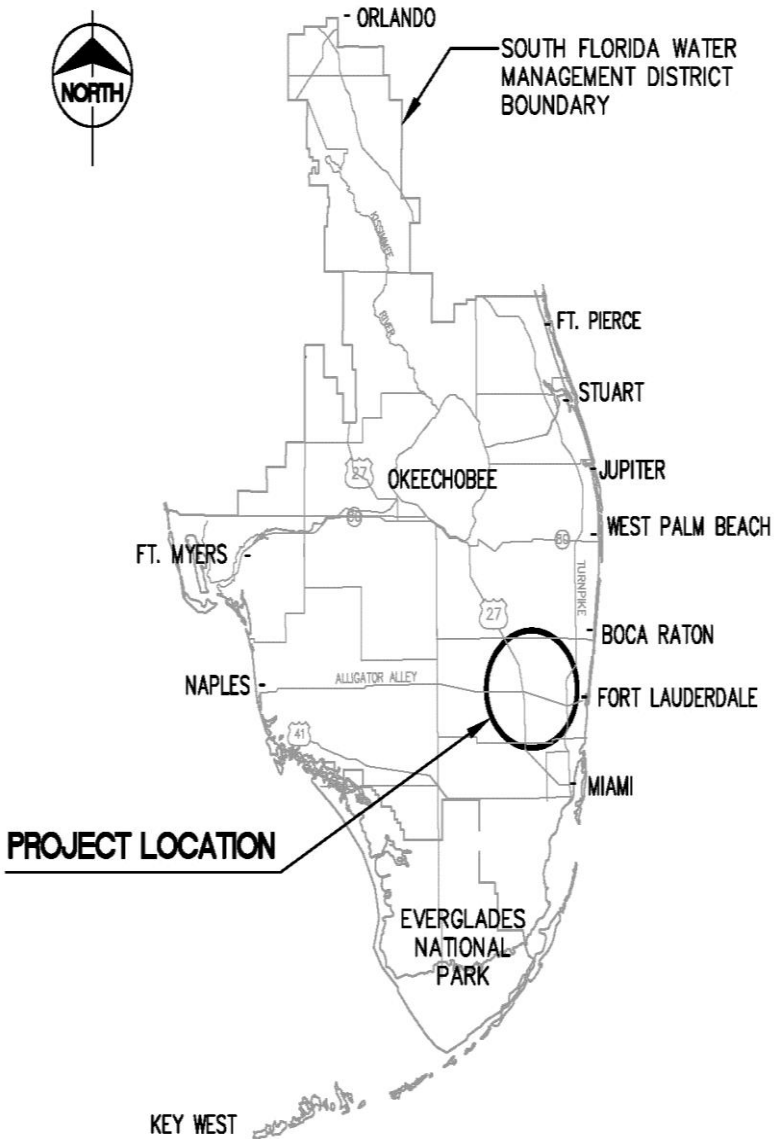


# **East Coast Protective Levee Broward County**

**Governing Board Meeting  
September 12, 2013**

**John Mitnik, P.E.  
Engineering & Construction Bureau Chief  
Operations, Maintenance & Construction**

# East Coast Protective Levee History



- **Constructed 1952-54 by US Army Corps of Engineers**
- **Ownership transferred to SFWMD**
- **60+ years regular maintenance and flood protection**



# Project Background



- **SFWMD entered into FEMA's Provisionally Accredited Levee (PAL) agreement May 2012**
- **After evaluating several alternatives it was recommended to construct a seepage filter berm**

# Major Construction Project Features

## ■ Major Project Features

- Seepage Filter Berm
- Levee Side Slope Flattening
- Maintenance Ramps
- Levee Top Restoration
- Strategically Located Emergency Stockpiles



# Major Construction Project Features



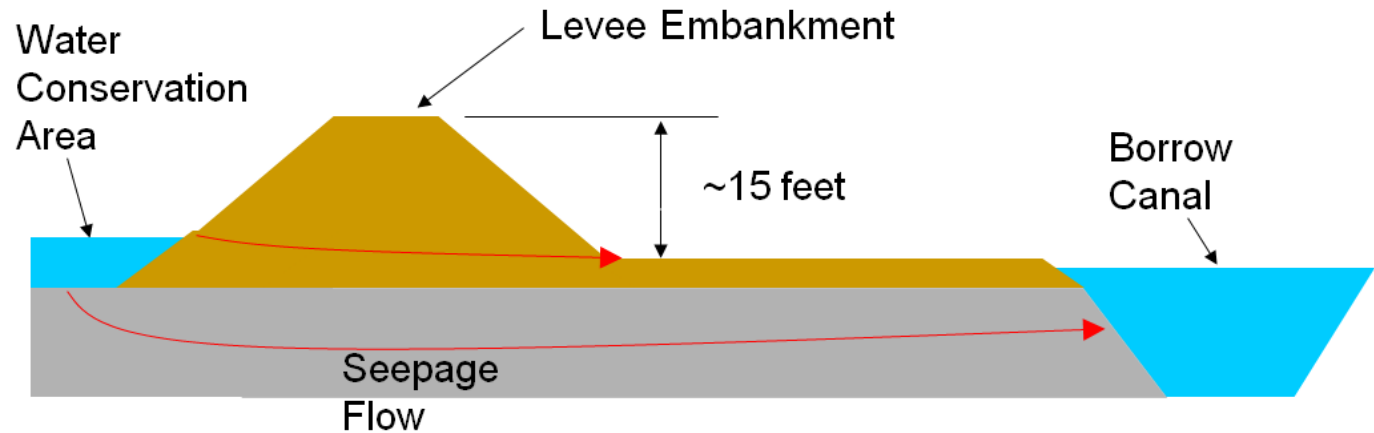
**Seepage Filter Berm**



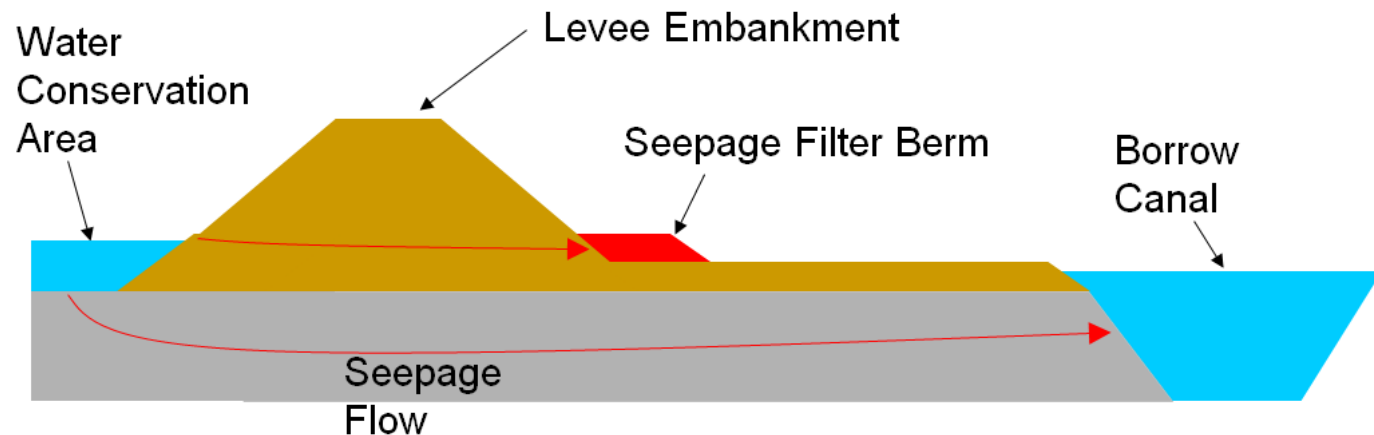
**Maintenance Ramps**

# Seepage Filter Berm

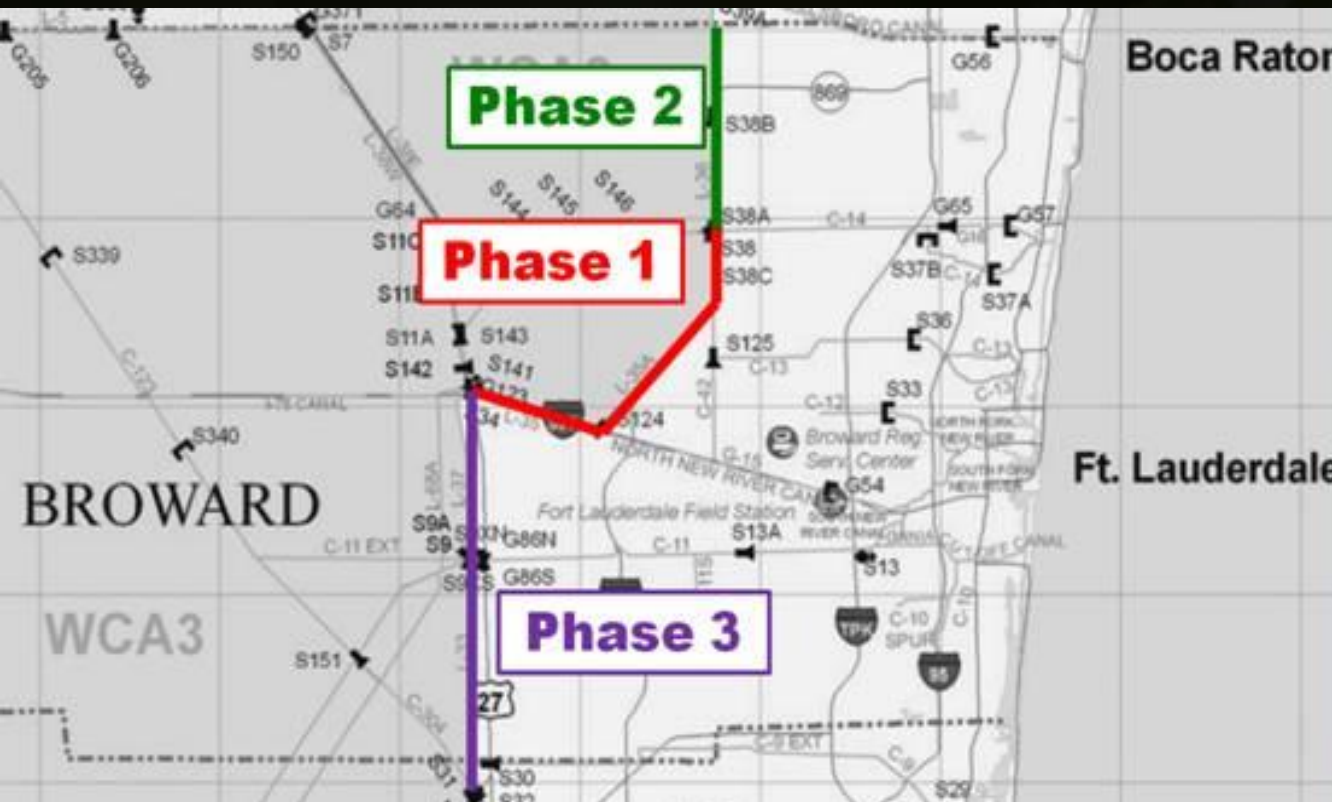
## ■ Before Construction



## ■ After Construction



# Construction Project Limits & Status



- Three construction phases
- \$18M total
- Final Completion July 23, 2013

# Questions?